

WEST Search History

DATE: Monday, June 30, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L1	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	L1
L2	L1 and polyolefin	110	L2
L3	L2 and viscosity	55	L3
L4	L2 and viscosity number	30	L4
L5	L4 and viscosity ratio	0	L5
L6	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	L6

END OF SEARCH HISTORY

WEST Search History

DATE: Monday, June 30, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L1	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	L1
L2	L1 and polyolefin	110	L2
L3	L2 and viscosity	55	L3
L4	L2 and viscosity number	30	L4
L5	L4 and viscosity ratio	0	L5
L6	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	L6
L7	l6 and melting	18	L7

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L10 and (molar mass or molar weight or molecular mass or molecular weight)	7

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L11

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Monday, June 30, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L1</u>	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	<u>L1</u>
<u>L2</u>	L1 and polyolefin	110	<u>L2</u>
<u>L3</u>	L2 and viscosity	55	<u>L3</u>
<u>L4</u>	L2 and viscosity number	30	<u>L4</u>
<u>L5</u>	L4 and viscosity ratio	0	<u>L5</u>
<u>L6</u>	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	<u>L6</u>
<u>L7</u>	L6 and melting	18	<u>L7</u>
<u>L8</u>	L1 and (polyolefin with (amorphous or transparent or transparency))	19	<u>L8</u>
<u>L9</u>	L1 and (polyolefin with amorphous)	11	<u>L9</u>
<u>L10</u>	L9 and viscosity	7	<u>L10</u>
<u>L11</u>	L10 and (molar mass or molar weight or molecular mass or molecular weight)	7	<u>L11</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.**☐ 1. Document ID: US 6068936 A

L11: Entry 1 of 7

File: USPT

May 30, 2000

US-PAT-NO: 6068936

DOCUMENT-IDENTIFIER: US 6068936 A

TITLE: Polyolefin film containing cycloolefin polymer, process for the production thereof, and the use thereof

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Schlogl; Gunter	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 428/500; 156/244.11, 264/173.12, 264/173.16, 264/176.1, 428/515, 428/516, 428/519, 428/523, 428/910, 525/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	---------------------------	-----------------------

☐ 2. Document ID: US 5885704 A

L11: Entry 2 of 7

File: USPT

Mar 23, 1999

US-PAT-NO: 5885704

DOCUMENT-IDENTIFIER: US 5885704 A

TITLE: Oriented polyolefin film with amorphous polymer, a process for its production and its use

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Murschall; Ursula	Nierstein			DE
Schloegl; Gunter	Kelkheim			DE
<u>Osan; Frank</u>	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE

US-CL-CURRENT: 428/315.9; 428/314.4, 428/315.5, 428/319.3, 428/319.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	----------------------	---------------------------	-----------------------

☐ 3. Document ID: US 5866662 A

L11: Entry 3 of 7

File: USPT

Feb 2, 1999

US-PAT-NO: 5866662

DOCUMENT-IDENTIFIER: US 5866662 A

TITLE: Cycloolefin polymers

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/281, 526/283, 526/284, 526/308, 526/348, 526/348.6,
526/351, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Image
------	-----------	-------

☐ 4. Document ID: US 5856414 A

L11: Entry 4 of 7

File: USPT

Jan 5, 1999

US-PAT-NO: 5856414

DOCUMENT-IDENTIFIER: US 5856414 A

TITLE: Cycloolefin polymers

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/159, 526/281, 526/283, 526/308, 526/348, 526/348.6,
526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KWIC	Draw Desc	Image
------	-----------	-------

☐ 5. Document ID: US 5623039 A

L11: Entry 5 of 7

File: USPT

Apr 22, 1997

US-PAT-NO: 5623039

DOCUMENT-IDENTIFIER: US 5623039 A

TITLE: Cycloolefin polymers

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMIC	Draw Desc	Image
------	-----------	-------

☐ 6. Document ID: US 5610253 A

L11: Entry 6 of 7

File: USPT

Mar 11, 1997

US-PAT-NO: 5610253

DOCUMENT-IDENTIFIER: US 5610253 A

TITLE: Cycloolefin polymers

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMIC	Draw Desc	Image
------	-----------	-------

☐ 7. Document ID: US 5573717 A

L11: Entry 7 of 7

File: USPT

Nov 12, 1996

US-PAT-NO: 5573717

DOCUMENT-IDENTIFIER: US 5573717 A

TITLE: Oriented polyolefin film with amorphous polymer, a process for its production and its use

DATE-ISSUED: November 12, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Murschall; Ursula	Nierstein			DE
Schloegl; Gunter	Kelkheim			DE
<u>Osan; Frank</u>	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE

US-CL-CURRENT: 264/45.1; 264/210.1, 264/210.7, 264/290.2, 264/45.5, 428/304.4, 428/315.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMIC	Draw Desc	Image
------	-----------	-------

Generate Collection

Print

Terms	Documents
L10 and (molar mass or molar weight or molecular mass or molecular weight)	7

Display Format: -

Change Format

[Previous Page](#)

[Next Page](#)

WEST

[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 5866662 A

L12: Entry 1 of 4

File: USPT

Feb 2, 1999

US-PAT-NO: 5866662

DOCUMENT-IDENTIFIER: US 5866662 A

TITLE: Cycloolefin polymers

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/281, 526/283, 526/284, 526/308, 526/348, 526/348.6,
526/351, 526/352, 526/943[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: US 5856414 A

L12: Entry 2 of 4

File: USPT

Jan 5, 1999

US-PAT-NO: 5856414

DOCUMENT-IDENTIFIER: US 5856414 A

TITLE: Cycloolefin polymers

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/159, 526/281, 526/283, 526/308, 526/348, 526/348.6,
526/943[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 3. Document ID: US 5623039 A

L12: Entry 3 of 4

File: USPT

Apr 22, 1997

US-PAT-NO: 5623039

DOCUMENT-IDENTIFIER: US 5623039 A

TITLE: Cycloolefin polymers

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

☐ 4. Document ID: US 5610253 A

L12: Entry 4 of 4

File: USPT

Mar 11, 1997

US-PAT-NO: 5610253

DOCUMENT-IDENTIFIER: US 5610253 A

TITLE: Cycloolefin polymers

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	-------

[Generate Collection](#)[Print](#)**Terms****Documents**

L11 and reactor

4

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)

WEST Search History

DATE: Monday, June 30, 2003

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L1	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1332	L1
L2	L1 and polyolefin	110	L2
L3	L2 and viscosity	55	L3
L4	L2 and viscosity number	30	L4
L5	L4 and viscosity ratio	0	L5
L6	L4 and (molar mass or molecular mass or molar weight or molecular weight)	29	L6
L7	L6 and melting	18	L7
L8	L1 and (polyolefin with (amorphous or transparent or transparency))	19	L8
L9	L1 and (polyolefin with amorphous)	11	L9
L10	L9 and viscosity	7	L10
L11	L10 and (molar mass or molar weight or molecular mass or molecular weight)	7	L11
L12	L11 and reactor	4	L12

END OF SEARCH HISTORY